Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 22 Sep 2023 until 23:59 on Saturday 23 Sep 2023

Forecast Issued on Thursday 21 Sep 2023 at 14:53

Confidence: High confidence Friday and Saturday. Lower confidence from later Saturday through Sunday due to a slow-moving band of rain. Low confidence in details on Tuesday.

Headline for Friday 22 Sep 2023: Sunshine and showers, heavy at times.

Mountain weather hazards on Friday 22 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Cloudy	Partly cloudy (night)
Precipitation probability							
10%	20%	20%	30%	40%	30%	20%	10%

Forecast for Friday 22 Sep 2023

Weather: Showers will continue in the west of the area, but it will be largely dry in the east until late morning. Showers may turn heavy at times, with a low risk of thunder, before becoming increasingly isolated late afternoon. Skies largely clearing through the evening. Windy.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Very good visibility generally, but falling to moderate or poor in showers. Bases could lower towards to 600m in heavier showers, especially towards the west of the park through the morning and early afternoon. If showers merge to give longer spells of rain, cloud may obscure highest routes for a few hours.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 22 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	13/17 SW	13/18 SW	16/22 W	15/22 W	16/23 W	17/24 NW	13/21 NW	12/19 W
300	8/11 SW	9/14 SW	9/14 SW	13/18 W	14/21 W	13/20 W	14/22 NW	11/19 NW	9/16 W
Valley	3/10 SW	4/11 SW	4/11 SW	8/16 W	11/21 W	10/19 W	10/21 NW	7/18 NW	5/14 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	6/3	6/3	8/4	9/6	9/5	8/4	6/3	5/2
300	9/8	8/6	8/6	10/7	11/8	11/9	11/8	9/6	8/5
Valley	8/8	8/8	8/8	11/9	12/10	12/11	11/9	9/7	8/6
Freezing Level*	1500m	1700m	1700m	1700m	1800m	1800m	1600m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers may cause rapid deteriorations in visibility, making for challenging navigation at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 21 Sep 2023	0.2mm	0.2mm	0.2mm

Forecast for Saturday 23 Sep 2023

Weather: A cold, crisp and sunny start. Cloud gradually building turning sunshine increasingly hazy. Slight chance of a shower. Rain arriving overnight.

Maximum wind: Westerly 10-15 mph gusting 20-25 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: The odd patch of mist or fog is possible in valleys at first, clearing by mid-morning. Cloud above the summits throughout.

Temperature: **Valleys:** Plus 5 Celsius becoming plus 13 Celsius
At 600m: Plus 7 Celsius
Freezing level: Above the summits

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